

Query Match 88.2%; Score 2319.6; DB 12; Length 2382;
Best Local Similarity 98.4%; Pred. No. 0;
Matches 2343; Conservative 0; Mismatches 39; Indels 0; Gaps 0

Qy 189 GGAGCATCGCGCTTGAACGAGAATCTCTGTGGTTCATGAGCTACGCGTGGTCGATCTG 248
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Db 1 GGAGCATCGCGCTTGAACGAGAATCTCTGTGGTTCATGAGCTACGCGTGGTCGATCTG 60

Qy	249	GCCCGCGTAGGCGGTAAAAATTCCTCGCTCGCGCAGATGATCGGCAACCTGGCCGGGTG	308
Db	61	GCCCGCGTAGGCGGTAAAAATTCCTCGCTCGCGCAGATGATCGGCAACCTGGCCGGGTG	120
Qy	309	GGCGTTTCGGTTCOCGGTGGATATCGACCACTGCCAAGCATTCAAGACTTCATCGCG	368
Db	121	GGTGTTCGGTTCOCGGTGGATATCGACCACTGCCAAGCATTCAAGACTTCATCGCG	180
Qy	369	CACAACGATCTGTCAAAGCGCATTTCGACAAAGCTGGAGACCTGGACGTTCAAGACGTC	428
Db	181	CACAACGATCTGTCAAAGCGCATTTCGACAAAGCTGGAGACCTGGACGTTCAAGACGTC	240
Qy	429	ACCGCGCTCAGCGTCGCGCGCAAGGAGATCCGCGGCTGGGTGATCGACGCCCGCTGCAG	488
Db	241	ACCGCGCTCAGCGTCGCGCGCAAGGAGATCCGCGGCTGGGTGATCGACGCCCGCTGCAG	300
Qy	489	CCGAGCTGGACCGGACATCCGACGGCGCTACGAAAACTCTGCGCGCAGAACGGCGGC	548
Db	301	CCGAGCTGGACCGGACATCCGACGGCGCTACGAAAACTCTGCGCGCAGAACGGCGGC	360
Qy	549	GGCGAAGTGGCGCTGCGTGTGCGTTCGTGCGCAACCGCGAAGACTGCCCGATGCCTCG	608
Db	361	GGCGAAGTGGCGCTGCGTGTGCGTTCGTGCGCAACCGCGAAGACTGCCCGATGCCTCG	420
Qy	609	TTGCGCGGCCAGCAGAAACCTTCCTCAATGTGACCGCGCGCAGACGCTGGTGCAACAG	668
Db	421	TTGCGCGGCCAGCAGAAACCTTCCTCAATGTGACCGCGCGCAGACGCTGGTGCAACAG	480
Qy	669	GTCAAGGAAGTATTGCGCAGCCTCTACAAACGACCGCGGATTGCCTACCGCTGCACCA	728
Db	481	GTCAAGGAAGTATTGCGCAGCCTCTACAAACGACCGCGGATTGCCTACCGCTGCACCA	540
Qy	729	GGCTTCAAGCAGGAAGATGTGTCTCTGTCGCGCGCGCTGCAGTTGATGGTGCCTCCGGC	788
Db	541	GGCTTCAAGCAGGAAGATGTGTCTCTGTCGCGCGCGCTGCAGTTGATGGTGCCTCCGGC	600
Qy	789	GTGGGTTGCTCGCGGCGTGTGTTTACCCCTGGACACCGAGTCCGGCTTCGCGACGTGGTG	848
Db	601	GTGGGTTGCTCGCGGCGTGTGTTTACCCCTGGACACCGAGTCCGGCTTCGCGACGTGGTG	660
Qy	849	TTGCTCACCTCCAGCTTCGGGCTGGGGGAAATGGTGTGCAAGGCGCGGTCAATCCGGAC	908
Db	661	TTGCTGACCTCCAGCTTTGGGCTGGGGGAAATGGTGTGCAAGGCGCGGTCAATCCGGAC	720
Qy	909	GAGTTCTACGTCTACAAAGCCACGCTCACTGCGGGCAAGCGGCAATCCTGCGCCGCTCG	968
Db	721	GAA'TTCTACGTCTACAAAGCCACGCTCACTGCGGGCAAGCGGCAATCCTGCGCCGCTCG	780
Qy	969	CTCGGCAGCAAGGCAATCCGCGATGGTGATTCGGATGTGCCCGGTGAACGCGTGCGCATC	1028
Db	781	CTCGGCAGCAAGGCGATCCGCGATGGTGATTCGGATGTGCCCGGTGAACGCGTGCGCATC	840
Qy	1029	GAAGACACGCGGTGGAGTTGGCGCAACATTTCTCGATCAGCGACGAAGATGTGCGAGG	1088
Db	841	GAAGACACGCGGTGGAGTTGGCGCAACATTTCTCGATCAGCGACGAAGATGTGCGAGG	900
Qy	1089	CTCTCCAAAGCAGGCGCTGGTGATCGAAAAGCATTACGGCCGCCCGATGGAATACGAGTGG	1148
Db	901	CTCTCCAAAGCAGGCGCTGGTGATCGAAAAGCATTACGGCCGCCCGATGGAATACGAGTGG	960
Qy	1149	GCCAAGGACGGCGTGAGCGGCAAGCTGTTCATCGTGACGGCGCGCCCGGAGACGGTGAAG	1208
Db	961	GCCAAGGACGGCGTGAGCGGCAAGCTGTTCATCGTGACGGCGCGCCCGGAGACGGTGAAG	1020
Qy	1209	TCGCGCAGCCATGCCACCCAGATCGAAGCTTTCTCGCTGGAAGCCGAAGGACGCCAAGATC	1268
Db	1021	TCGCGCAGCCATGCCACCCAGATCGAAGCTTTCTCGCTGGAAGCCGAAGGATGCCAAGATC	1080
Qy	1269	CTGGTCGAAGGCGCTGCGGTTGGCGCCAAAGATCGGACGCGCGCTGGCACGCGTGGTGC	1328
Db	1081	CTGGTCGAAGGCGCTGCGGTTGGCGCCAAAGATCGGACGCGCGCTGGCACGCGTGGTGC	1140
Qy	1329	TCGCTGGAAGACATGAATCGGTGACGCGCGCGAGCTGCTGATTGCCGACATGACCGAC	1388
Db	1141	TCGCTGGAAGACATGAATCGGTGACGCGCGCGAGCTGCTGATTGCCGACATGACCGAC	1200

Qy	1389	CCCGATTGGGAGCCGGTGATGAAGCGTGCCTCGGCCATCGTCACCAACCGCGGTGGCCG	1418
Db	1201	CCCGATTGGGAGCCGGTGATGAAGCGTGCCTCGGCCATCGTCACCAACCGCGGTGGCCG	1260
Qy	1449	ACCTGCCACCGCGGATCATCGCGCGGAACTGGGCTGCCGGCGGTGGTGGGTTCCGGC	1508
Db	1261	ACCTGCCACCGCGGATCATCGCGCGGAACTGGGCTGCCGGCGGTGGTGGGTTCCGGC	1320
Qy	1509	AATGCGACCGACGTTCATCAGCGACGGCCAGGAAGTACCGTTGAGCTGCGCGAGGGCGAC	1568
Db	1321	AATGCGACCGACGTTCATCAGCGACGGCCAGGAAGTACCGTTGAGCTGCGCGAGGGCGAC	1380
Qy	1569	ACCGGCTTCATCTATGAAGGCTTGCTGCCGTTGAGCGGCAACACCAACCGACCTGGGCAAC	1628
Db	1381	ACCGGCTTCATCTATGAAGGCTTGCTGCCGTTGAGCGGCAACACCAACCGACCTGGGCAAC	1440
Qy	1629	ATGCGGCTGCCCGGCTCAAGATCATGATGAACGTGGCCAAACCGGAGCGGCATTCGAC	1688
Db	1441	ATGCGGCTGCCCGGCTCAAGATCATGATGAACGTGGCCAAACCGGAGCGGCATTCGAT	1500
Qy	1689	TTGCGCCAGCTGCCCAACGCCGGTATCGGCTTGGCGGCTTGGAGATGATCATCGCGCGG	1748
Db	1501	TTGCGCCAGCTGCCCAACGCCGGTATCGGCTTGGCGGCTTGGAGATGATCATCGCGCGG	1560
Qy	1749	CACATCGGCATCCATCCCAACGCATCTGCTGGAAATACGCAACGAGGACCGCAGCTCCG	1808
Db	1561	CACATCGGCATCCATCCCAACGCATCTGCTGGAAATACGCAACGAGGACCGCAGCTCCG	1620
Qy	1809	AAGAAGATCGACGCCAAGATTGCCGGTACCGCGACCGCGTGAGCTTCTACATCAACCG	1868
Db	1621	AAGAAGATCGACGCCAAGATTGCCGGTACCGCGACCGCGTGAGCTTCTACATCAACCG	1680
Qy	1869	CTGGCCGAAGGCATCGCGACCTTGACCGGTCGGTGGCGCCGAACCGGTGATCGTGGCG	1928
Db	1681	CTGGCCGAAGGCATCGCGACCTTGACCGGTCGGTGGCGCCGAACCGGTGATCGTGGCG	1740
Qy	1929	TTGTGCGACTTCAAGTCCAAAGAAATACGCCAACCTGATCGGTGGCTCGGTTACGAGCCG	1988
Db	1741	TTGTGCGACTTCAAGTCCAAAGAAATACGCCAACCTGATCGGTGGCTCGGTTATGAGCCG	1800
Qy	1989	CACGAAGAGAACCAGATGATCGGCTTCGCGCGCGCCAGCCGTTATGTCGATCGGTCCTT	2048
Db	1801	CATGAAGAGAACCAGATGATCGGCTTCGCGCGCGCCAGCCGTTATGTCGATCGGTCCTT	1860
Qy	2049	ACCAAGGCGTTCTCGCTGGAGTGCAAGGCGGTGTTGAAGGTGGCGCAACGAGATGGGCGTG	2108
Db	1861	ACCAAGGCGTTCTCGCTGGAGTGCAAGGCGGTGTTGAAGGTGGCGCAACGAGATGGGCGTG	1920
Qy	2109	GACAACCTCTGGGTCATGATTCCGTTCTGTCGCGCAACGCTGGAGGAAGGCCGCAAGGTGATC	2168
Db	1921	GACAACCTCTGGGTCATGATTCCGTTCTGTCGCGCAACGCTGGAGGAAGGCCGCAAGGTGATC	1980
Qy	2169	GAGGTGTTGGAGCAGAACGGGCTCAAAACGGCGAGAACGGGCTGAAGATCATCATGATG	2228
Db	1981	GAGGTGCTGGAGCAGAACGGGCTCAAGCAAGGCGAGAAATGGGCTGAAGATCATCATGATG	2040
Qy	2229	TGCGAGCTGCCGTCCTAATGCGCTGCTGGCCGATGAGTTCCTGGAGATCTTCGACGGGTTT	2288
Db	2041	TGCGAGCTGCCGTCCTAACGCGCTGCTGGCCGATGAGTTCCTGGAGATCTTCGACGGGTTT	2100
Qy	2289	TCGATCGGCTCCAAACGACCTGACCCAGCTACCCCTGGGCTTGGACCGGATTCCTCGATC	2348
Db	2101	TCGATTGCTCCAAACGACCTGACCCAGCTACCCCTGGGCTTGGACCGGATTCCTCGATC	2160
Qy	2349	GTGGCGCACTGTTCGACGAGCGGAACCCGCGGTGAAAAGCTGCTGTCGATGGCGATC	2408
Db	2161	GTGGCGCACTGTTCGACGAGCGGAACCCGCGGTGAAAAGCTGCTGTCGATGGCGATC	2220
Qy	2409	AAGTCGGCGCGGCGCAAGGCGAAGTACGTGGGCTCTGCGGCGAGGGGCGCTGGATCAC	2468
Db	2221	AAGTCGGCGCGGCGCAAGGCGAAGTACGTGGGCTCTGCGGCGAGGGGCGCTGGATCAC	2280
Qy	2469	CCGGAACCTGGCGAGTGGTTGATGCAGGAAGGCATCGAGTCGGTGTGCTGTAATCTGAC	2528
Db	2281	CCGGAACCTGGCGAGTGGTTGATGCAGGAAGGCATCGAGTCGGTGTGCTGTAATCTGAC	2340

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Qy      2529  ACCGTGGTCGATACCTGGCTGCGCCTGGCCAAAGCTCAAGAGC  2570
          |||
Db      2341  ACCGTGGTCGATACCTGGCTGCGCCTGGCCAAAGCTCAAGAGC  2382
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